

**ABSTRACT OF THE DISCLOSURE****TITLE OF THE INVENTION: DEBUGGING EMBEDDED SYSTEMS**

A host computer has a file with a subroutine required for operation of an application on a target. The file is dynamically loaded to memory of the target, whereby the file has an entry point at a dynamically-determined location. Data representative of the address of the entry point is stored in memory at a predetermined location.

The application is then run on the target, causing the application to determine the entry point, thereby accessing the subroutine and allowing the subroutine to run.